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(74) Agents: WARREN, William, L. et al.; Sutherland Asbill & Brennan LLP, 999 Peachtree Street, NE, Atlanta, Georgia 30309-3996 (US).

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(71) Applicants (for all designated States except US): BRESAGEN INC. [US/US]; 111 River Bend Road, Athens, Georgia 30605 (US). UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC. [US/US]; Boyd Graduate Studies Research Center, Athens, Georgia 30602-7411 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): CONDIE, Brian [US/US]; 110 Woodlake Drive, Unit 18, Athens, Georgia 30606 (US). NOGGLE, Scott, Allen [US/US]; 520 West 112st, Apt. 15B, New York, New York 10025 (US). ROBINS, Allan [AU/US]; 1050 Coday Bluff, Athens, Georgia 30606 (US).

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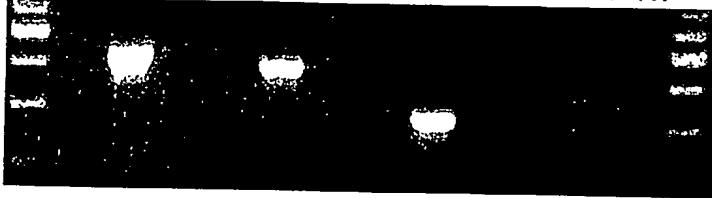
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(54) Title: COMPOSITIONS AND METHODS FOR THE CONTROL, DIFFERENTIATION AND/OR MANIPULATION OF PLURIPOTENT CELLS THROUGH A GAMMA-SECRETASE SIGNALING PATHWAY

Notch 1	Notch 2	Notch 3	Notch 4
-T +RT -RT	-T +RT -RT	-T +RT -RT	-T +RT -RT



pluripotent cells and inhibitors of gamma-secretase, or activators or inhibitors of Notch signaling.

(57) Abstract: The current invention relates to the control and/or manipulation of the gamma-secretase signaling pathway in pluripotent cells to stabilize the cells in a pluripotent state and/or to control the differentiation of the pluripotent cells towards a differentiated state. The invention further includes feeder layers that contain or express ligands or other compounds that inhibit gamma-secretase or Notch signaling to enhance the maintenance of pluripotent cells in a pluripotent state. The invention also includes cell culture compositions that comprise

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